

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/721,138
Filing Date	11/25/2003
First Named Inventor	Robert P. Loce et al.
Art Unit	2621
Examiner Name	
Attorney Docket Number	A3568-US-NP

Sheet **1** of **4****U.S. Patent Documents**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-3,234,663	2/15/1966	Ferris et al.	
		US-3,969,830	7/20/1976	Grasham	
		US-4,290,675	9/22/1981	Beiser	
		US-4,586,711	5/6/1986	Winters et al.	
		US-4,824,144	4/25/1989	Tasma	
		US-5,371,627	12/6/1994	Baccei et al.	
		US-5,398,131	3/14/1995	Hall et al.	
		US-5,491,646	2/13/1996	Erskine	
		US-5,594,841	1/14/1997	Schutz	
		US-5,715,316	2/3/1998	Steenblik et al.	
		US-6,301,044 B1	10/9/2001	Huber et al.	
		US-6,333,757 B1	12/25/2001	Faris	
		US-1,768,812	7/1930	Whiting	
		US-3,287,825	11/1966	Ryan et al.	
		US-5,576,528	11/1996	Chew et al.	
		US-6,155,491	12/2000	Dueker et al.	
		US-6,766,045	07/2004	Slepyan et al.	
		US-6,832,729	12/2004	Perry et al.	
		US-5,619,219	04/1997	Coteus et al.	
		US-5,483,363	01/1996	Holmes et al.	

**Foreign Patent Documents**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 96/03833	2-8-1996	University of Manchester Institute of Science and Porat, Itzhak	Page 2, paragraphs 4 and 5; page 5, paragraphs 4; figures	<input type="checkbox"/>
		GB 168 880	3-23-1922	Nadine De Boudkowsky	The Whole Document	<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation description number (optional). <sup>2</sup> See Kinds of Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/721,138
Filing Date	11/25/2003
First Named Inventor	Robert P. Loce et al.
Art Unit	2621
Examiner Name	
Attorney Docket Number	A3568-US-NP

Sheet **2** of **4****U.S. Patent Documents**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,002,364	3/26/1991	Steenblik	
		US-4,597,634	7/1/1986	Steenblik	
		US-4,717,239	1/5/1988	Steenblik	
		US-6,406,062	6/18/2002	Brooks et al.	
		US-6,590,996	7/8/2003	Reed et al.	
		US-6,891,959	5/10/2005	Reed et al.	
		US-6,002,498	12/14/1999	Haraguchi et al.	
		US-5,768,410	6/16/1998	Ohta et al.	
		US-6,722,066	4/20/2004	Cheung	
		US-5,369,261	11/29/1994	Shamir	
		US-6,993,149	1/31/2006	Brunk et al.	
		US-6,763,124	7/13/2004	Alattar et al.	
		US-6,516,094	2/4/2003	Takahashi et al.	
		US-5,929,906	7/27/1999	Arai et al.	
		US-6,561,422	5/13/2003	Cariffe	
		US-			
		US-			
		US-			

**Foreign Patent Documents**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation description number (optional). <sup>2</sup> See Kinds of Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Substitute for form 1449/PTO

**Complete if Known**

(Use as many sheets as necessary)

Application Number	10/721,138
Filing Date	11/25/2003
First Named Inventor	Robert P. Loe et al.
Art Unit	2621
Examiner Name	
Attorney Docket Number	A3568-US-NP

Sheet	3	of	4
-------	---	----	---

[illegible][illegible]

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/721,138
Filing Date	11/25/2003
First Named Inventor	Robert P. Loce et al.
Art Unit	2621
Examiner Name	
Attorney Docket Number	A3568-US-NP

Sheet 4

of 4

**Non Patent Literature Documents**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Hunt, R.W.G., "Light Sources", THE REPRODUCTION OF COLOUR IN PHOTOGRAPHY, PRINTING & TELEVISION, Fourth Edition (1987), pp. 151-176	<input type="checkbox"/>
		Harold, Richard W., "An Introduction To Appearance Analysis", SECONDSIGHT, SS Number 84, A reprint from GATFWorld, the magazine of the Graphic Arts Technical foundation (2001)	<input type="checkbox"/>
		Dengler, M., Nitschke, W., "Color Stereopsis: A Model for Depth Reversals Based on Border Contrast", Perception and Psychophysics, Vol. 53, No. 2 (1993), pp. 150-156	<input type="checkbox"/>
		Winn et al., "Reversals of the Colour-Depth Illusion Explained by Ocular Chromatic Aberration", Vision Res., Vol. 35, No. 19 (1995), pp. 2675-2684	<input type="checkbox"/>
		Sharma, G., "Digital Color Imaging", IEEE Transactions On Image Processing, Vol. 6, No. 7 (1997) pp. 901-932	<input type="checkbox"/>
		Sharma et al., "Illuminant Multiplexed Imaging: Special Effects using GCR", The 11 <sup>th</sup> Color Imaging Conference, November 3, 2003, pp. 266-271	<input type="checkbox"/>
		Sharma et al., "Illuminant Multiplexed Imaging: Basics and Demonstration", 2003 Pics Conference, vol. 6, May 13, 2003, pp. 542-547	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation description number (optional). <sup>2</sup> Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.